Dräger medical
A Dräger and Siemens Company

Konica Minolta/Air-Shields® JM-103 Jaundice Meter

Application
The Konica Minolta/Air-Shields® JM-103 Jaundice Meter from Dräger Medical is an accurate, instantaneous, non-invasive device that will assist you in management of neonatal jaundice. The Jaundice Meter provides an estimate of serum bilirubin levels reported in µmol/L or mg/dL. Used in conjunction with other clinical signs and laboratory measurements this information can assist you in making clinical decisions regarding the need for additional serum bilirubin measurements.

Air-Shields®
A Dräger Medical Brand

To use the unit, simply place the tip of the device against the forehead or sternum of the infant and press gently. The instrument's Xenon lamp will flash once and the measured value will be displayed on the screen. No additional data analysis is required by the user and the unit may be used with all skin colors.

Features

No Disposables Required
The JM-103 Jaundice Meter requires no disposable parts.

Compact and Lightweight
The units size and weight make it easy for clinicians to take from bed-to-bed.

Performance
The Jaundice Meter has been referenced in multiple studies that provide the data supporting its use. Ref: Pediatrics, Volume 113, No.6, June 2004 "Evaluation of a New Transcutaneous Bilirubinometer" p.1628-1635

Long Battery Life
At least 400 single measurements may be taken when the unit is fully charged. A "low battery" display will blink when the power is low. When not in use it is recommended that the unit remain in its charging cradle, assuring a continuous full charge.

Versatile Display
The large easy-to-read display shows results in either mg/dL or µmol/L as selected by the user.

Checking the Unit
A simple one step process using a "reading checker" built in to the charger base checks for the intensity of light output of the device.

Technical specifications

Dimensions	
Width	1.9 in (4.8 cm)
Height	6 in (15.4 cm)
Depth	1.2 in (3.2 cm)
Battery Life	At least 400 single measurements when fully charged (unit may remain in charger base continually assuring constant full charge)
Low battery charge indicator	
RMSE	+/-1.5 mg/dL (+/-25.5 µmol/L)
Measurement range	0.0 to 20 mg/dL (0 to 340 µmol/L)
Weight	150g (with Ni-MH battery)
Detectors	Silicon photodiodes
Light source	Pulse xenon arc lamp
Operating conditions	
Temperature range	10 to 40º C (50 to 104º F)
Relative humidity range	30 to 95%
Storage conditions	
Temperature range	-10 to 50º C (14 to 122º F)
Relative humidity range	30 to 95%
Standard accessories	
Charger base (with a built-in reading checker)	
AC adapter	
Strap	

Europe, Middle East, Africa, Latin America, Asia, Pacific:

Dräger Medical AG & Co. KG
Moislinger Allee 53–55
23542 Lübeck
GERMANY
Tel: +49-1805-3 72 34 37
+49-451-882-822
Fax: +49-451-882-37 79
E-mail:
Business.Support@draeger.com

USA:

Draeger Medical, Inc.
3135 Quarry Road
Telford, PA 18969
USA
Tel: +1-215-721-5400
Toll-free: +1-800-437-2437
Fax: +1-215-723-5935
E-mail: info@draegermed.com

Canada:

Draeger Medical Canada Inc.
120 East Beaver Creek Road
Suite 104
Richmond Hill Ontario L4B 4V1
CANADA
Tel: +1-905-763-3702
Toll-free: +1-866-343-2273
Fax: +1-905-763-1890
E-mail:
Canada.Support@draeger.com

www.draeger-medical.com

Manufacturer: Draeger Medical Systems, Inc., Telford, PA 18969, USA

The quality management system at Draeger Medical Systems, Inc. is certified according to ISO 13485 and Annex II of Directive 93/42/EEC (Medical devices).

90 50 455 / 10.06-3 / Pequod Communications / Printed in USA / Chlorine-free - environmentally compatible / Subject to modifications / © 2006 Dräger Medical AG & Co. KG